

ABSTRACT**Method and Apparatus for Selective
Equalizer Tap Initialization in an OFDM System**

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A method for initializing an equalizer in an Orthogonal Frequency Division Multiplexing ("OFDM") receiver includes inhibiting, based at least in part on (a) an equalizer tap being less than a first limit and (b) a time between OFDM signals being less than a second limit, an initialization of the tap. In an alternative embodiment, a method includes initializing equalizer taps upon startup, re-initializing the taps upon a passage of a predetermined time between OFDM signals, and selectively re-initializing at least one tap upon divergence of the tap. In another alternative embodiment, an apparatus includes an equalizer and a tap initialization controller coupled thereto. The tap initialization controller is configured to inhibit, based at least in part on (a) a tap being less than a first limit and (b) a time between OFDM signals being less than a second limit, an initialization of the tap.

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2025 RELEASE UNDER E.O. 14176